

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EL717377696US

Applicant : Herber Becker, et al.  
Application No. : N/A  
Filed : December 21, 2001  
Title : ELECTRO-MECHANICAL DRIVE DEVICE  
  
Docket No. : 45914/DBP/M521

INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
December 21, 2001

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO-1449 listing the references that are known to applicant. Copies of each of the listed references are enclosed. Also enclosed is a copy of the corresponding International Search Report (ISR) This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By Mark Dawson #31,453  
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For Reg. No. 20,958  
626/795-9900

DBP/aam  
Enclosures: PTO-1449, w/references  
International Search Report

FORM PTO-1449

## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	45914/DBP/M521
Application Number	N/10/019148
Filing Date	December 21, 2001
Applicant(s)	Herbert Becker, et al.
Group Art Unit	N/A
Examiner Name	N/A

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,315,194	05/1994	Brusasco, et al.	310	68 R	
	6,291,912	09/2001	Nadir, et al.	310	64	
	6,317,332	11/2001	Weber, et al.	361	760	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	198 51 455		GERMANY (ON ORDER)			Corresponds to U.S. 6,317,332 Above	
	198 23 376	11/1999 /	GERMANY			Partial Translation	
	0 474 904		EPO (ON ORDER)			Partial Translation Only	
	2 766 301	01/1999 /	FRANCE			Corresponds to U.S. 6,291,912 Above	

## OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	International Search Report of PCT/DE01/01597, Mailed August 23, 2001.

EXAMINER  
SIGNATUREDATE  
CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DBP/aam

AAM PAS403920.1\*-12/21/01 11:15 AM

**DE 198 51 455 A1 corresponds to US 6,317,332**

**DE 198 23 376 A1 Title:** Drive unit for adjusting devices in motor vehicle

The drive unit includes an electric motor, a number-of-revolutions (RPM) sensor and a semiconductor circuit arranged between a voltage supply and the motor. The motor is composed of a commutator motor (1), whereby the semiconductor circuit (3) regulates the number of revolutions (RPM) of the motor, preferably on a constant value or according to a nominal value curve, in at least one load range.

**EP 0 474 904 A1 Title:** Gear drive assembly for a commutator motor, in particular window lifter drive for an automotive vehicle, and method for its manufacture.

A window lifter drive which is easy to produce and install, having a commutator motor and a flange-mounted gearing as well as integrated motor electronics with a one-dimensional printed-circuit board holding its components. The one-dimensional printed-circuit board (5) has an integrally formed brush holder part (51) for the brush holder (6) and the one-dimensional printed-circuit board (5) has an integrally formed plug connector holder part (52) for the plug connector (7). The electrical connections of the components, the brushes and the plug connector inner side are made contact with especially by wave-bath soldering of their connection ends which pass through from the upper mounting side of the printed-circuit board (5) to its lower side, to the conductor tracks (53) of the printed-circuit board (5).

**FR 2 766 301 corresponds to US 6,291,912**